



O I P E JCT 1
MAR 14 2002
UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT & TRADEMARK OFFICE

A3

Page 1 of 1

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/051,560	01/17/2002	Gary M. Sanderson	NORTH-458A

CONFIRMATION NO. 9653

FORMALITIES LETTER



OC00000007469156

Bruce B. Brunda
Suite 250
75 Enterprise
Aliso Viejo, CA 92656

Date Mailed: 02/13/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

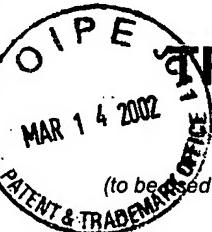
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

03/19/2002 MWOLDER1 00000029 141325 10051560

01 FC:105 130.00 CH

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

 <p>TRANSMITTAL FORM</p> <p>(to be used for all correspondence after initial filing)</p>		Application Number	10/051,560
		Filing Date	01/17/2002
		First Named Inventor	Gary M. Sanderson
		Group Art Unit	2152
		Examiner Name	Unknown
Total Number of Pages in This Submission	12	Attorney Docket Number	NORTH-458A/ A-2360

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Assignment Papers <i>(for an Application)</i>	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Certificate of Mailing (1 page)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Return Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		
Signed Declaration for Utility or Design Patent Application (37 CFR 1.63)		

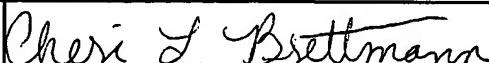
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Bruce B. Brunda, STETINA BRUNDA GARRED & BRUCKER
Signature	
Date	03/01/2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

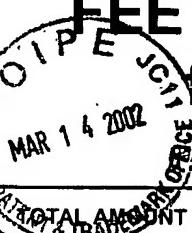
March 1, 2002

Typed or printed name	Cheri L. Brettmann		
Signature		Date	03/01/2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Fee Transmittal for FY 2002



Patent fees are subject to annual revision.

PATENT & TRADEMARK OFFICE

(\$ 130.00)

Complete if Known

Application Number	10/051,560
Filing Date	01/17/2002
First Named Inventor	Gary M. Sanderson
Examiner Name	Unknown
Group Art Unit	2152
Attorney Docket No.	NORTH-458A/ A-2360

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	14-1325
Deposit Account Name	Northrop Grumman

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

- Check Credit card Money Order Other

Fee Calculation**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code (\$)
101 740
106 330
107 510
108 740
114 160Fee Code (\$)
201 370
206 165
207 255
208 370
214 80Fee Description
Utility filing fee
Design filing fee
Plant filing fee
Reissue filing fee
Provisional filing feeFee Paid
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20**	= [Redacted] X [Redacted] = [Redacted]	[Redacted]
Claims	- 3**	= [Redacted] X [Redacted] = [Redacted]	[Redacted]
Multiple Dependent		[Redacted] = [Redacted]	[Redacted]

Large Entity Small Entity

Fee Code (\$)
103 18
102 84
104 280
109 84
110 18Fee Code (\$)
203 9
202 42
204 140
209 42
210 9Fee Description
Claims in excess of 20
Independent claims in excess of 3
Multiple dependent claim, if not paid
** Reissue independent claims over original patent
** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee 105 130 127 50 139 130 147 2,520 112 920* 113 1,840*	Fee Description	Fee Paid
			Surcharge - late filing fee or oath	130.00
			Surcharge - late provisional filing fee or cover sheet	
			Non-English specification	
			For filing a request for <i>ex parte</i> reexamination	
			Requesting publication of SIR prior to Examiner action	
			Requesting publication of SIR after Examiner action	
			Extension for reply within first month	
			Extension for reply within second month	
			Extension for reply within third month	
			Extension for reply within fourth month	
			Extension for reply within fifth month	
			Notice of Appeal	
			Filing a brief in support of an appeal	
			Request for oral hearing	
			Petition to institute a public use proceeding	
			Petition to revive - unavoidable	
			Petition to revive - unintentional	
			Utility issue fee (or reissue)	
			Design issue fee	
			Plant issue fee	
			Petitions to the Commissioner	
			Processing fee under 37 CFR 1.17(q)	
			Submission of Information Disclosure Stmt	
			Recording each patent assignment per property (times number of properties)	
			Filing a submission after final rejection (37 CFR § 1.129(a))	
			For each additional invention to be examined (37 CFR § 1.129(b))	
			Request for Continued Examination (RCE)	
			Request for expedited examination of a design application	
			Other fee (specify) _____	

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Bruce B. Brunda	Registration No. (Attorney/Agent)	28,497	Telephone	(949) 855-1246
Signature				Date	03/01/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



ATTORNEY DOCKET: NORTH-458A
Serial No. 10/051,560
Filed: January 17, 2002

Certificate of Mailing under 37 CFR 1.8 or 37 CFR 1.10

- I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

- I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, Express Mail No. _____ addressed to:

on March 1, 2002
(Date)

Cheri L. Brettmann
Signature

Cheri L. Brettmann
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

1. Transmittal (1 page);
2. Fee Transmittal (1 page) (in duplicate);
3. Notice to File Missing Parts of NonProvisional Application (2 pages);
4. Signed Declaration for Utility or Design Patent Application (3 pages);
5. 3 Signed Power of Attorneys (3 pages); and
6. Return postcard.